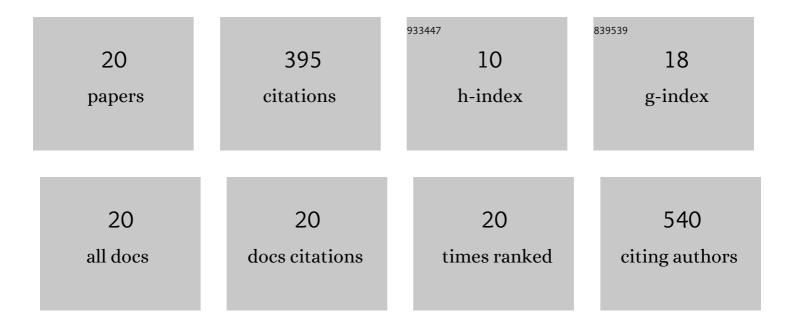
Miguel MartÃ-nez-Trujillo

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Improving transformation efficiency ofArabidopsis thaliana by modifying the floral dip method. Plant Molecular Biology Reporter, 2004, 22, 63-70. | 1.8 | 129 |
| 2 | Phosphate relieves chromium toxicity in Arabidopsis thaliana plants by interfering with chromate uptake. BioMetals, 2014, 27, 363-370. | 4.1 | 48 |
| 3 | <i>Trichoderma atroviride</i> â€emitted volatiles improve growth of <i>Arabidopsis</i> seedlings through modulation of sucrose transport and metabolism. Plant, Cell and Environment, 2021, 44, 1961-1976. | 5.7 | 31 |
| 4 | Arabidopsis thaliana sucrose phosphate synthase (sps) genes are expressed differentially in organs and tissues, and their transcription is regulated by osmotic stress. Gene Expression Patterns, 2017, 25-26, 92-101. | 0.8 | 30 |
| 5 | Chromate alters root system architecture and activates expression of genes involved in iron homeostasis and signaling in Arabidopsis thaliana. Plant Molecular Biology, 2014, 86, 35-50. | 3.9 | 22 |
| 6 | Chromate induces adventitious root formation via auxin signalling and SOLITARY-ROOT/IAA14 gene function in Arabidopsis thaliana. BioMetals, 2015, 28, 353-365. | 4.1 | 21 |
| 7 | An Updated Review on the Modulation of Carbon Partitioning and Allocation in Arbuscular Mycorrhizal Plants. Microorganisms, 2022, 10, 75. | 3.6 | 19 |
| 8 | YUCCA4 overexpression modulates auxin biosynthesis and transport and influences plant growth and development via crosstalk with abscisic acid in Arabidopsis thaliana. Genetics and Molecular Biology, 2020, 43, e20190221. | 1.3 | 18 |
| 9 | Effect of mineral nutrients on the uptake of Cr(VI) by maize plants. New Biotechnology, 2015, 32, 396-402. | 4.4 | 14 |
| 10 | Fungal diversity in the roots of four epiphytic orchids endemic to Southwest Mexico is related to the breadth of plant distribution. Rhizosphere, 2018, 7, 49-56. | 3.0 | 13 |
| 11 | Mutation of <i><scp>MEDIATOR</scp> 18</i> and chromate trigger twinning of the primary root meristem in <i>Arabidopsis</i> . Plant, Cell and Environment, 2020, 43, 1989-1999. | 5.7 | 13 |
| 12 | Sucrose Protects Arabidopsis Roots from Chromium Toxicity Influencing the Auxin–Plethora Signaling Pathway and Improving Meristematic Cell Activity. Journal of Plant Growth Regulation, 2018, 37, 530-538. | 5.1 | 9 |
| 13 | Differential strategies of two species of arbuscular mycorrhizal fungi in the protection of maize plants grown in chromium-contaminated soils. BioMetals, 2021, 34, 1247-1261. | 4.1 | 8 |
| 14 | Temporal root responses in Arabidopsis thaliana L. to chromate reveal structural and regulatory mechanisms involving the SOLITARY ROOT/IAA14 repressor for maintenance of identity meristem genes. Plant Growth Regulation, 2018, 86, 251-262. | 3.4 | 5 |
| 15 | Germline Variants in Cancer Genes from Young Breast Cancer Mexican Patients. Cancers, 2022, 14, 1647. | 3.7 | 5 |
| 16 | Total Chromium Captured by Maize (<i>Zea Mays</i>) Plants is Increased by Phosphate and Iron Supplementation in the Soil. Communications in Soil Science and Plant Analysis, 2018, 49, 615-625. | 1.4 | 4 |
| 17 | Parámetros genéticos de caracteres de crecimiento en un ensayo de progenies de Pinus oocarpa. Madera Bosques, 2020, 26, . | 0.2 | 4 |
| 18 | Traumatic ducts size varies genetically and is positively associated to resin yield of <i>Pinus oocarpa</i> open-pollinated progenies. Silvae Genetica, 2022, 71, 10-19. | 0.8 | 2 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Changes induced by lead in root system architecture of Arabidopsis seedlings are mediated by PDR2-LPR1/2 phosphate dependent way. BioMetals, 2021, 34, 603-620. | 4.1 | Ο |

Characterization of mycorrhizal fungi of the genus Tulasnella (Tulasnellaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (Basid 0.4 0

Reserve, Mexico. Anales Del Jardin Botanico De Madrid, 2018, 75, 075.